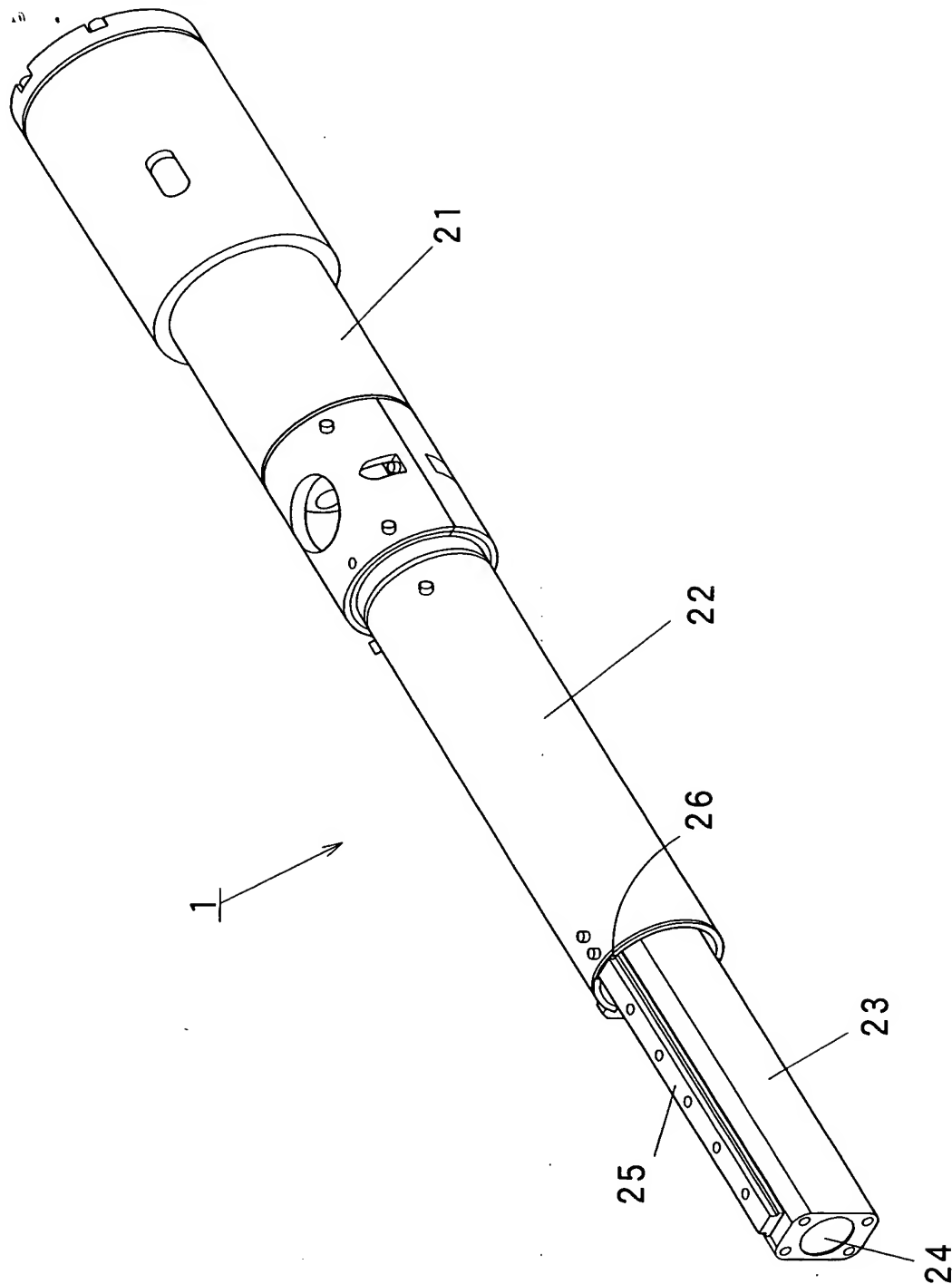
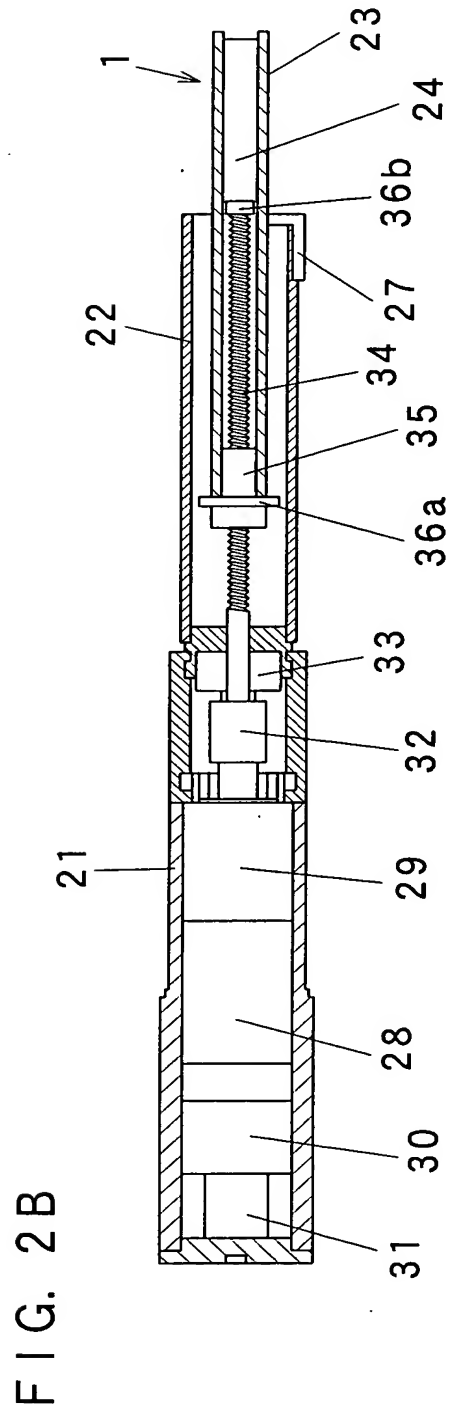
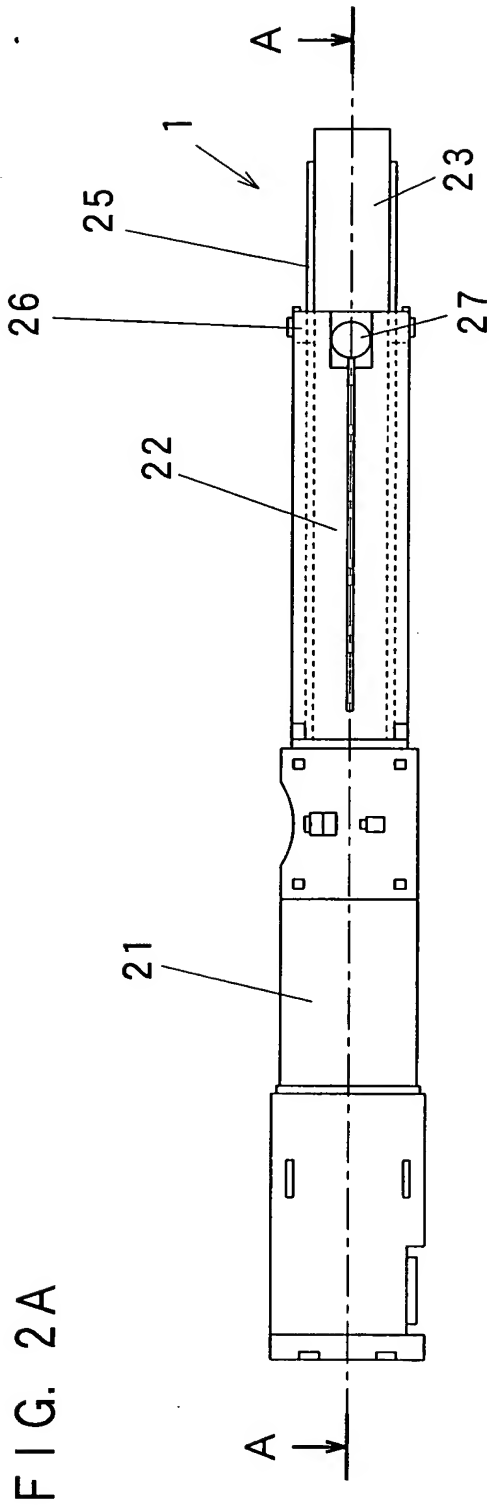


FIG. 1





This schematic diagram illustrates a magnetic circuit. It features a central horizontal core with a coil (30) wound around it. The core is divided into two main sections: a left section (41) and a right section (28). The left section (41) is part of a larger assembly (44) that includes a movable armature (46) and a contact (47). The right section (28) is a long, thin core segment. The magnetic circuit is completed by two vertical sections (48) labeled 'S' (South) and 'N' (North). The coil (30) is connected to a power source (43a, 43b) via terminals (43a, 43b). The diagram also shows a cross-section (44a) of the armature (46) and a contact (47) that is part of the armature assembly.

FIG. 4

